

NATIONAL ENVIRONMENTAL POLICY ACT

REQUIREMENTS

STATEMENT OF POLICY

The National Environmental Policy Act (NEPA) establishes a national policy to ensure that consideration is given to environmental values and factors in federal planning and decision-making. It is the policy of DOE and NREL to comply fully with the letter and spirit of NEPA. To ensure that environmental factors are considered in the decision-making process and to promote environmentally responsible decisions, NREL will incorporate NEPA requirements early in the planning process for proposed actions. In addition, NREL will coordinate its NEPA activities with the applicable host State for an offeror. NREL is committed to complete assessment and full disclosure of the environmental consequences of its proposed procurement actions.

For these reasons, an Offeror is required to respond to the following questions, in sufficient detail, to enable an assessment to be made to allow the Department of Energy (DOE) to make appropriate determinations for use in reaching an accurate NEPA determination concerning full compliance with all NEPA requirements. The Offeror should include in its Business and Cost Proposal, a section that restates the question and its response to the following environmental questionnaire.

ENVIRONMENTAL QUESTIONNAIRE

If the proposed activities will be conducted at more than one location, answer each question separately for each location. The term "site" is defined as locations where research, development, fabrication, manufacturing, testing, and/or system deployment will take place for the activities of the proposed effort. This includes buildings and land. In your responses, please note which of these activities is being addressed, and provide a separate answer for each activity under each question, where applicable.

1. Clarify which Federal,¹ State,² and local environmental laws or regulations apply to the site(s) where the proposed work will be conducted.
2. Will the proposed activity result in changes and/or disturbances to threatened or endangered (T/E) species, or critical habitats? Listings of T/E species in your area are generally available from the state Fish and Wildlife services.
3. Will the proposed activity result in changes and/or disturbances to wetlands or water bodies, including seasonally or periodically dry stream beds or natural drainage areas?
4. Is/are the site(s) located in a floodplain? If so, what kind? (50-year, 100-year, etc.) Will any of the proposed activity (construction, etc.) affect a floodplain?

¹ RCRA, CERCLA, SARA, CAA, CWA, TSCA

² Department of Health, Department of Environmental Protection, etc.

5. Will the proposed activity result in changes and/or disturbances to any archaeological or cultural resources? If the land is previously undisturbed, an Archeological Resource Survey may need to be performed.
6. Will the proposed activity take place in prime, unique, or important farmland, as protected by the Farmland Protection Act?
7. Will the proposed activity involve any air emissions? Do you have or will you need to obtain any environmental permits for this activity?
8. Will any ozone depleting substances be used as products or contained in equipment for this project? If so, please identify the substance(s), quantities, and proposed use.
9. Is/are the site(s) located in a Class I Air Quality Control Region (national parks, wilderness areas, etc.) as listed in 40 CFR 81.400? If so, please indicate whether the proposed activity would result in a net emissions increase of any pollutant subject to regulation under the Clean Air Act.
10. Is/are the site(s) located in an area where the proposed activity might result in changes and/or disturbances to other protected species, which are unique but not necessarily endangered (such as eagles or migratory birds)? If so, describe any impacts the proposed activity would have on any protected species.
11. Could the project constitute a potential source of contamination to ground water OR has the location of the proposed action been designated for special protection to assure the quality and availability of public drinking water supplies (e.g. is included in an area wide ground water quality protection plan)?
12. Would the proposed activity result in an obstruction to navigable air space, i.e., will this activity involve an object, mobile or otherwise, which exceeds 150 feet in height? If so, please describe.
13. Is/are the site(s) located in a coastal zone? If so, describe how this zone will be impacted due to pollution generated (i.e., impacts to vegetation, wildlife, or landscape as a result of construction, drilling, etc).
14. Is/are the site(s) located next to or near any National Parks, Wild and/or Scenic Rivers, etc.? If so, describe any impacts the proposed activity would have on these national resources.
15. To the best of your knowledge has there been, or will there be, any public controversy regarding the proposed activity (such as the storage, use, and handling of hazardous materials or gases)? If so, describe the past history or potential controversy.
16. Identify hazardous materials that are proposed to be used and describe how these substances will be used and stored. If proposed, how will these hazardous materials be handled to ensure worker safety? Do you have operating policies and procedures for workplace protection with respect to any use of hazardous materials?

17. Will the proposed activity involve any liquid effluent? Do you have or will you need to obtain any environmental permits for this activity? Are you required to monitor effluents? Do you currently discharge into surface waters, and if so, identify your NPDES permit.
18. Will hazardous waste be generated or managed during the course of this project? If so, please identify the quantity and method of disposal.
19. Will any radioactive materials be used to conduct the project, including radioisotopes used or produced, or gauges and equipment containing radioactive materials?
20. Will you be generating any radioactive waste at the site(s) involved? If so, please identify the quantity and method of disposal.
21. Will you be generating any mixed waste (a waste with a hazardous component, as defined by RCRA, and a radioactive component) at the site(s) involved? If so, please identify the quantity and method of disposal.
22. Will asbestos waste be generated as a result of this activity at any of the site(s) involved? If so, please identify the quantity and method of disposal.
23. Will you use PCBs or any other substances regulated by the Toxic Substances Control Act (TSCA) in this activity at any of the site(s)? If so, identify the substance and quantity to be used.
24. Will the project involve the use of pesticides for controlling such pests as insects, rodents, weeds, nematodes, or fungi? If so, identify the substance and its use.
25. Will the proposed activity involve any demolition and/or clearing of land? If so, describe demolition, type and amount of land to be cleared, and what permits would be required.
26. Will the proposed action disturb hazardous substances, pollutants, contaminants, or petroleum and natural gas products that already exist in the environment?
27. Will the proposed work occur in or adjacent to a Brownfield location? A Brownfield is a previously contaminated industrial site that has been cleaned up.
28. Will the proposed action significantly accelerate exhaustion of a resource that is in limited supply (e.g., geothermal resources, old growth forests, unique ecosystems, minerals, fossil fuels)?
29. Will the proposed project result in noise levels above background or in excess of applicable state noise limitations?
30. Will fluids be emplaced below the ground surface through a bored, drilled, or driven well, or through a dug "well" in which the depth of the dug well is greater than the largest surface dimension?

31. Will the project involve any type of tank with 10 percent or more of the tank volume below the ground surface?
32. What environmental permits do you presently hold for the site(s) where the proposed work will be conducted [i.e., EPA Waste Generator identification number, air permits, etc.]?
33. Will the proposed activity require any other new or modified Federal, State, or local permits? If so, please describe.
34. Will the proposed activity require any exemptions from permit or other legal requirements?
35. Have you ever had any violations charged and/or any enforcement action taken against you by Federal, State, or local environmental governing agencies? If so, please describe the violation and the method used to mitigate it.